Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 12 Apr 2021 until 23:59 on Tuesday 13 Apr 2021

Forecast Issued on Sunday 11 Apr 2021 at 15:30

Confidence: High for risk of further wintry precipitation at first, and the transition to more settled conditions through the coming week.

Headline for Monday 12 Apr 2021: Variable cloud with some sunny spells, isolated showers in the afternoon.

Mountain weather hazards on Monday 12 Apr 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Clear night
Precipitation probability							
10%	10%	20%	10%	20%	40%	10%	<05%

Forecast for Monday 12 Apr 2021

Weather: Variable cloud amounts through the early hours, with a few mist or fog patches by dawn. Any mist or fog soon clearing on Monday morning, then some sunny spells, but cloud bubbling up to bring the risk of isolated showers in the afternoon. Dry with good clear spells in the evening.

Chance of cloud free mountain/hill tops above 600m: 40%, improving 90% during the morning.

Visibility: Moderate or poor in any early mist or fog, with occasional cloud 300-400m. Becoming very good or excellent by afternoon outside of any showers, with cloud mostly lifting well above the summits, and with distant hills clearly seen.

Forecast for Monday 12 Apr 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/8 W	6/8 W	5/7 W	6/10 NW	7/13 NW	9/15 NW	9/15 W	5/7 SW	4/6 S
300	3/6 W	1/6 NW	2/6 N	5/9 NW	7/13 NW	7/14 W	7/15 W	3/5 NW	2/4 W
Valley	2/4 N	1/4 N	2/4 NE	3/6 NW	6/12 NW	8/15 W	6/12 W	4/6 S	3/5 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-7	-4/-7	-3/-6	-0/-4	2/-1	3/-0	2/-2	-1/-4	-2/-4
300	-2/-4	-3/-6	-3/-5	3/0	5/3	6/4	4/1	0/-2	-2/-4
Valley	-2/-4	-2/-4	-2/-4	4/2	7/5	7/4	5/3	2/-0	-0/-2
Freezing Level*	100m	00m	00m	200m	300m	400m	400m	300m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Widespread freezing conditions to start, but a slow thaw of any lying snow during the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 11 Apr 2021	0.2mm	0.2mm	2.4mm

Forecast for Tuesday 13 Apr 2021

Weather: Clear spells and a few valley mist or fog patches early in the morning, otherwise a dry, sunny, but frosty start. However, cloud will increase to bring scattered showers in the afternoon, these possibly heavy. Dry but rather cloudy through the evening with light winds.

Maximum wind: West or northwest 10-15mph.

Chance of cloud free mountain/hill tops above 600m: Locally 30% at first, otherwise generally 90%.

Visibility: Locally poor at first with patchy cloud 300-400m associated with early mist and fog, otherwise generally good or very good with any cloud mostly above the summits.

Temperature: **Valleys:** Minus 3 becoming 10 C
At 600m: Minus 2 becoming 4 C
Freezing level: Surface, soon becoming above the summits.